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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1 1. (currently amended) An electronic device with a key comprising:
2 a switch having a popple dome;
3 a first force sensing region, for acquiring a first force value;
4 a second force sensing region, for acquiring a second force value; and
5 a processor, coupled to the switch, the first force sensing region, and the
6 second force sensing region, for determining a selected function for the key based
7 upon the first force value and the second force value when the switch is activated.
- 1 2. (original) An electronic device according to claim 1, wherein the first force
2 sensing region and the second force sensing region comprise:
3 a partially resistive material, which exhibits a force-to-voltage response value.
- 1 3. (original) An electronic device according to claim 1, further comprising:
2 a third force sensing region, for acquiring a third force value upon activation of
3 the switch,
4 wherein the processor is also coupled to the third force sensing region and
5 determines the selected function for the key based upon the first force value, the
6 second force value, and the third force value when the switch is activated.
- 1 4. (original) An electronic device according to claim 3, wherein the selected
2 function is a primary function when the first force value, the second force value, and
3 the third force value are all below a stored threshold value.

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1 5. (original) An electronic device according to claim 3, wherein the selected
2 function is a secondary function when the first force value exceeds a stored threshold
3 value.

1 6. (original) An electronic device according to claim 5, wherein the selected
2 function is a primary function of entering a character from a group having 0, 1, 2, 3, 4,
3 5, 6, 7, 8, 9, *, and #.

1 7. (original) An electronic device according to claim 1 further comprising:
2 an actuator positioned above the switch, for activating the switch upon receipt
3 of at least a predetermined amount of pressure.

1 8. (original) An electronic device according to claim 7, wherein the actuator
2 comprises:
3 a plunger positioned above the switch.

1 9. (currently amended) An electronic device according to claim 8, wherein the
2 key comprises: a popple dome is positioned under the plunger.

1 10. (currently amended) An an electronic device according to claim 7, wherein the
2 actuator comprises:
3 a first satellite plunger positioned above the first force sensing region; and
4 a second satellite plunger positioned above the second force sensing region.

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1 11. (currently amended) A keypad comprising:
2 a plurality of first central switch[[es]];
3 a second central switch;
4 one or more satellite force sensing pads located around each of the plurality
5 first of central switches and the second central switch; and
6 a first actuator for at least one the first central switch, each the first actuator
7 having a first side adapted for receiving an externally applied force, and a plurality of
8 contact surfaces on a second side, the plurality of contact surfaces on the second side
9 corresponding to the at least one first central switch and one or more associated
10 satellite force sensing pads, wherein the first actuator has multiple actuations, each
11 actuation being distinguishable by an evaluation of the forces sensed by the one or
12 more associated satellite force sensing pads; and
13 a second actuator for the second central switch, the second actuator having a
14 first side adapted for receiving an externally applied force, and a plurality of contact
15 surfaces on a second side, the plurality of contact surfaces on the second side
16 corresponding to the second central switch and one or more associated satellite force
17 sensing pads, wherein the second actuator has multiple actuations, each actuation
18 being distinguishable by an evaluation of the forces sensed by the one or more
19 associated satellite force sensing pads.

1 12. (currently amended) A keypad in accordance with claim 11 wherein at least
2 one of the one or more satellite force sensing pads is associated with at least one of
3 the plurality of first central switch[[es]] and the second central switch.

1 13. (currently amended) A keypad in accordance with claim 11 wherein at least
2 one of the one or more satellite force sensing pads is associated with more than one of
3 the plurality of first central switch[[es]] and the second central switch.

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1 14. (original) A keypad in accordance with claim 11 wherein each of the satellite
2 force sensing pads is associated with a selection of a different character input.

1 15. (original) A keypad in accordance with claim 11 wherein each of the multiple
2 actuations is associated with a different character input.

1 16. (currently amended) A keypad in accordance with claim 11 wherein the first
2 actuator is triangular in shape.

1 17. (currently amended) A keypad in accordance with claim 11 wherein the first
2 actuator is quadrilateral in shape.

1 18. (currently amended) A keypad in accordance with claim 11 further comprising
2 a processor coupled to the plurality of first central switch[[es]], the second central
3 switch, and the one or more satellite force sensing pads, wherein the processor is
4 adapted for comparing the forces sensed by the satellite force sensing pads when one
5 of the plurality of first central switch[[es]] and the second central switch is activated
6 and, based at least in part upon the comparison, distinguishing among the multiple
7 actuations.

1 19. (currently amended) A keypad in accordance with claim 11 further
2 comprising:
3 a cover having an opening through which at least some of the first side of the
4 first actuator is exposed.

1 20. (original) The keypad in accordance with claim 11 wherein the keypad is used
2 as part of a wireless communication device.

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1 21. (currently amended) A keypad in accordance with claim 20 wherein a
2 secondary key press is detected when a one of the ~~plurality of first~~ central switch[[es]].
3 and the second central switch is activated and a maximum difference between the
4 forces sensed by the one or more satellite force sensing pads located around the one
5 of the ~~plurality of first~~ central switch[[es]] and the second central switch is greater
6 than a stored threshold value.

1 22. (currently amended) A keypad in accordance with claim 20 wherein a primary
2 key press is detected when a one of the ~~plurality of first~~ central switch[[es]] and the
3 second central switch is activated and a maximum difference between forces sensed
4 by the one or more satellite force sensing pads located around the one of the ~~plurality~~
5 ~~of first~~ central switch[[es]] and the second central switch is less than a stored
6 threshold value.

1 23. (currently amended) A keypad in accordance with claim 22 wherein a
2 secondary key press is detected when a one of the ~~plurality of first~~ central switches
3 and the second central switch is activated and a maximum difference between the
4 forces sensed by the one or more satellite force sensing pads located around the one
5 of the ~~plurality of first~~ central switch[[es]] and the second central switch is greater
6 than a stored threshold value.

1 24. (original) A keypad in accordance with claim 23 wherein if after one of a
2 primary key press and a secondary key press is detected, a user replaces the detected
3 key press with the other one of the primary key press and the secondary key press, at
4 least one stored threshold value is updated.

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1 25. (original) A keypad in accordance with claim 23 wherein, when a primary key
2 press is replaced by a secondary key press, a processor is adapted to reduce at least
3 one of the stored threshold values.

1 26. (original) A keypad in accordance with claim 23 wherein, when a secondary
2 key press is replaced by a primary key press, the processor is adapted to increase at
3 least one of the stored threshold values.

1 27. (currently amended) A keypad in accordance with claim 20 wherein a
2 secondary key press is detected based upon the associated satellite force sensing pad
3 having the greatest force detected when one of the ~~plurality of~~first central switch[[es]].
4 and the second central switch is activated.

1 28. (currently amended) The keypad in accordance with claim 20 wherein a
2 primary key press is detected based upon the associated satellite force sensing pads
3 having forces detected below a predetermined threshold when one of the ~~plurality~~
4 offirst central switch[[es]] and the second central switch is activated.

1 29. (currently amended) A multi-function key comprising:
2 a switch having a popple dome;
3 a force sensing area; and
4 an actuator positioned above the switch and at least a portion of the force
5 sensing area,
6 wherein upon activation of the switch by the actuator, the force sensing area
7 exhibits a force value that is used to determine a selected function from a plurality of
8 functions.

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1 30. (original) The multi-function key in accordance with claim 29 wherein the
2 plurality of functions includes character entry functions.

1 31. (currently amended) A method for operating a multi-function key comprising:
2 activating a switch having a popple dome;
3 measuring a first force value;
4 measuring a second force value; and
5 determining a selected function from a group of functions, which includes a
6 primary function and a plurality of secondary functions, based on the first force value
7 and the second force value.

1 32. (original) A method according to claim 31, wherein the step of determining
2 comprises:
3 selecting a primary function when a difference between the first force value
4 and the second force value is below a predetermined threshold.

1 33. (original) A method according to claim 31, wherein the step of determining
2 comprises:
3 selecting a secondary function when a difference between the first force value
4 and the second force value is above a predetermined threshold.

1 34. (original) A method according to claim 31, wherein the step of determining
2 comprises:
3 selecting a primary function when the first force value and the second force
4 value are below a predetermined threshold.

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1 35. (original) A method according to claim 31, wherein the step of determining
2 comprises:
3 selecting a secondary function when the first force value is above a
4 predetermined threshold.

1 36. (currently amended) An electronic device with a key comprising:
2 a switch with a popple dome;
3 a first force sensing region, for acquiring a first force value;
4 a second force sensing region, for acquiring a second force value;
5 a third force sensing region, for acquiring a third force value;
6 a fourth force sensing region, for acquiring a fourth force value; and
7 a processor, coupled to the switch, the first force sensing region, the second
8 force sensing region, the third force sensing region, and the fourth force sensing
9 region, for determining a selected function for the key based upon the first force
10 value, the second force value, the third force value, and the fourth force value, when
11 the switch is activated.